



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

September 29, 1998

TO: Minerals File

FROM: Tony Gallegos, Reclamation Engineer *adg*

RE: Site Inspection, Georgia Pacific Gypsum Corporation (GP), Eagle Canyon Quarry, M/015/050, Emery County, Utah

Date of Inspection: August 20, 1998
Time of Inspection: 1210 - 1355
Conditions: Warm, sunny, breezy
Participants: Russ Harms, Terry Peterson, Georgia Pacific; Dean Nyffeler, BLM; Tony Gallegos, DOGM

Purpose of Inspection: To examine the active mine site while in the area

We first met at GP's pad area south of the Moore Road. Mr. Harms described GP's intentions for the mining disturbances north of the Moore Road. Initially GP had proposed mining a much larger area and had amended their plan accordingly. Their initial work in this area did not result in the amount of white gypsum product they had anticipated. They will be removing the gypsum they have mined from this area and begin reclaiming the area in the near future. They may reclaim this area as early as the fall of 1998 if they can remove the product they have stockpiled there. Mr. Harms provided a copy of an aerial photo of the area taken 6/15/98. In addition, Mr. Harms explained that GP did not mine the other proposed expansion area located on the southeastern end of the mining disturbance. Before examining the mine site we had a general discussion regarding the Division and BLM permitting requirements associated with the transfer of the Hebe Gypsum Mine from Western Clay Company to GP.

We next walked to an area GP wants to reclaim. This area is approximately 6-8 acres they have mined, which is located south of the access road going through the current mine disturbance. Reclamation of this area would include regrading, placing soil over it, and drill seeding. At this time, GP has already regraded this area and placed soils on the area; however, some additional grading is still needed. The Division recommends leaving the surface as rough as possible prior to seeding. In addition, the seeding should be done as soon as grading is completed while the soil is still loose. Since GP intends to drill seed this area, the seeding could take place some days after the grading just because the drill seed would break up any surface crust. Any surface roughness like ripping or discing should be performed along the contour of the sloped area. The natural drainage coming through the area should be restored to the approximate pre-mining size. Some of the gypsum boulders can be placed in the restored drainage to minimize erosion and also help establish a more sinuous drainage channel.

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Ideally, any reclamation seeding should be done as late as possible in the fall before the ground freezes, but not so early that the seed would have a chance to germinate and then freeze for the winter. GP would like a copy of the currently approved seedmix for this area and a list of seed supplies, if the Division has such a list.

We then walked to an area where GP wishes to expand mining operations . Mr. Harms is currently working on an amendment submission for this expansion. The expansion area is immediately adjacent to the southwestern edge of the existing disturbance. There is a drainage channel to the south, and Georgia Pacific would expand towards this channel, but not all the way into the wash. GP would leave some features such as hills and mounds to prevent water from flowing from the wash down into their active mine area. Photos were taken of the proposed expansion area looking to the south and also looking to the northeast. GP would salvage soils from this area before they went in to strip the overburden.

From this same vantage point, we were able to see the reclaimed area located in what was the old gravel pit. A photo of this area includes a rig drilling the gypsum deposit in preparation for blasting. There is another reclaimed area GP has seeded, but the revegetation there is doing very poorly. GP would reseed this area this fall when they perform the other reclamation work. Photographs of this other area include a front end loader and a truck in the foreground.

jb
cc: Russ Harms, Georgia Pacific w/ approved seedmix & seed suppliers
Dean Nyffeler, BLM

m15-50.ins

File Code 3809

STIPULATIONS

EA Log No. UT-067-91-01 Lease or
Serial No. U67-P91-01

Project South Salt Wash Gypsum Mine/Plan of Operations
Applicant Georgia Pacific Corporation Project T.22S., R.8E., Secs.24&25
P. O. Box 80 Location T.22S., R.9E., Secs.19&30 SLM
Address Sigurd, UT 84657 County Emery, Utah
BLM Office San Rafael Resource Area Phone No. 801-637-4584

Exhibit 1

1. If subsurface cultural values are exposed during the course of operations, work shall cease at the site and the San Rafael Area Office shall be notified. All employees working in the area shall be informed by the operator that they will be subject to prosecution for disturbing identified archaeological sites or picking up artifacts.

2. After the top soil is spread, but prior to the spreading of the cryptogamic soil, the land will be furrowed with the contour such that a roughened surface is left. Then the cryptogamic soil will be spread on the surface.

3. The following seed mixture shall be used during reclamation at a rate of 6 1/2 pounds per acre. The seed shall be broadcast between October 1 and March 31.

<u>Grasses/Species</u>		<u>Pounds Per Acre</u>
Indian ricegrass	<u>Oryzopsis hymenoides</u>	2
Needleandthread	<u>Stipa comata</u>	1
Galleta grass	<u>Hilaria jamesii</u>	1
 <u>Shrubs & Forbs/Species</u>		
Shadscale	<u>Atriplex confertifolia</u>	1/2
Fourwing saltbush	<u>Atriplex canescens</u>	1/2
Winterfat	<u>Eurotia lanata</u>	1/2
Yellow sweet clover	<u>Melilotus officinalis</u>	1/2
Globemallow	<u>Sphaeralcea coccinea</u>	1/2
Total		6 1/2

BLM SEED MIX

SEED MIX SUPPLIERS

ANDERSON SEED COMPANY

110 Anderson Street
P. O. Box 1017
Lamar, Colorado 81052
(719) 336-2226
or
P. O. Box 2252
Greeley, Colorado 80632
(303) 356-7400

GRANITE SEED

Scott Spackeen
1697 West 2100 North
Lehi, Utah 84043
(801) 768-4422
Fax: (801) 768-3967

MAPLE LEAF IND.

Lloyd Stevens, President
480 South 50 East
Ephraim, Utah 84627
(801) 283-4701
Fax (801) 283-6872

PLUMMER PLANT AND SEED COMPANY

Mark Plummer, Owner
P. O. Box 70
Ephraim, Utah 84627
(801) 283-4844

WHEATLAND SEEDS, INC.

Kent Perry, Owner
P. O. Box 513
Brigham City, Utah 84302
(801) 734-9191

WIND RIVER SEED

Rick or Claire Dunne
3075 Lane 51½
Route 1 Box 97
Manderson, Wyoming 82432
(307) 568-3325
Fax (307) 568-3326

11/015/050







POND #73,000
235 ACRES

8/20/98
INSPECTION

DECEIVED
AUG 26 1997
DIV. OF OIL, GAS & MINING

28

Wash

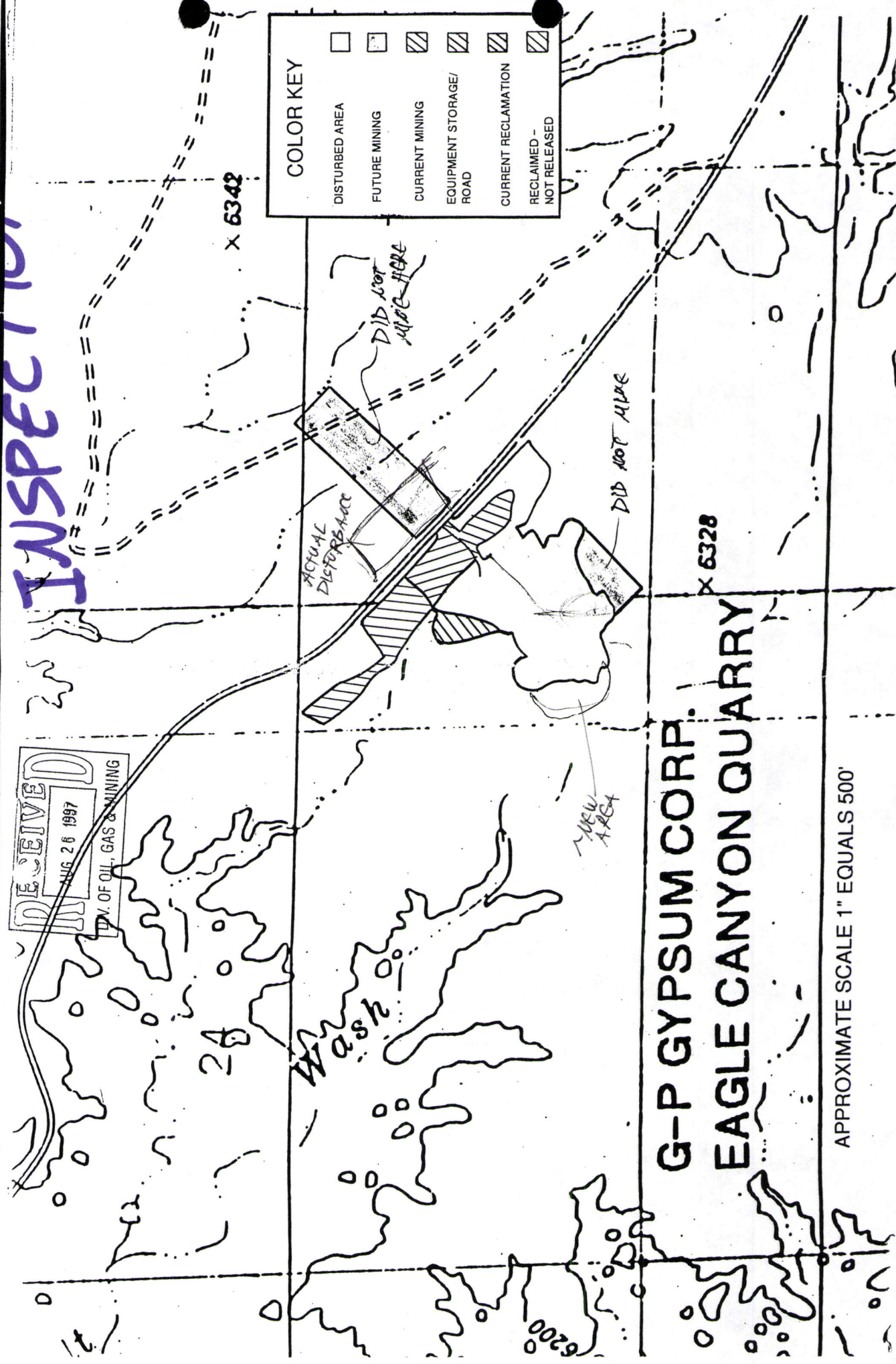
COLOR KEY	
	DISTURBED AREA
	FUTURE MINING
	CURRENT MINING
	EQUIPMENT STORAGE/ ROAD
	CURRENT RECLAMATION
	RECLAIMED - NOT RELEASED

X 6342

X 6328

G-P GYPSUM CORP.
EAGLE CANYON QUARRY

APPROXIMATE SCALE 1" EQUALS 500'



INJECT 10/28/88



ACRIAL PHOTO 6/15/98
GP SITE

DOCK RECEIVED 8/20/98
ON SITE 4/015/050